

What is claimed is:

1. A mobile terminal comprising:

a transmitter/receiver configured to transmit/receive a signal to/from a base station;

5 a communication state determination unit configured to determine a communication state of the transmitter/receiver;

a movement state measurement unit configured to measure a movement state of the mobile terminal; and

10 a reception period controller configured to control a reception period for receiving a control signal transmitted from the base station by the transmitter/receiver, based on a communication state determination result determined by the communication state determination unit and a movement state measurement result measured by the movement state measurement
15 unit.

2. The mobile terminal of Claim 1, further comprising:

a reception state measurement unit configured to measure a reception state of the signal from the base station received
20 by the transmitter/receiver, wherein

the reception period controller controls the reception period based on the communication state determination result, the movement state measurement result, and a reception state measurement result measured by the reception state measurement
25 unit.

3. The mobile terminal of Claim 2, wherein the reception state measurement unit measures a difference in reception states of signals from a plurality of base stations received by the
30 transmitter/receiver, as the reception state.

4. The mobile terminal of Claim 1, wherein the communication state determination unit determines whether the transmitter/receiver is in communication or stand-by, as the communication state.
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5. A control device comprising:

a communication state determination unit configured to determine a communication state of a transmitter/receiver transmitting/receiving a signal to/from a base station of a mobile terminal;

5 a movement state measurement unit configured to measure a movement state of the mobile terminal; and

a reception period controller configured to control a reception period for receiving a control signal transmitted from the base station by the transmitter/receiver, based on a
10 communication state determination result determined by the communication state determination unit and a movement state measurement result measured by the movement state measurement unit.

15 6. The control device of Claim 5, further comprising:

a reception state measurement unit configured to measure a reception state of the signal from the base station received by the transmitter/receiver, wherein

the reception period controller controls the reception
20 period based on the communication state determination result, the movement state measurement result, and a reception state measurement result measured by the reception state measurement unit.

25 7. A communication system, comprising:

a base station; and

a mobile terminal comprising: a transmitter/receiver configured to transmit/receive a signal to/from the base station;

a communication state determination unit configured to
30 determine a communication state of the transmitter/receiver;

a movement state measurement unit configured to measure a movement state of the mobile terminal; and

a reception period controller configured to control a reception period for receiving a control signal transmitted from
35 the base station by the transmitter/receiver, based on a communication state determination result determined by the

communication state determination unit and a movement state measurement result measured by the movement state measurement unit.

- 5 8. A communication method comprising:
- determining a communication state of a mobile terminal transmitting/receiving a signal to/from a base station;
 - measuring a movement state of the mobile terminal; and
 - controlling a reception period for receiving a control
- 10 signal transmitted from the base station by the mobile terminal, based on a communication state determination result and a movement state measurement result.